ABSTRACT

The present invention is a method directed to selectively send non-textual information through a network that best adapts to the capacity of the receiving device, such as a display monitor on a remote computer. The method is comprised of steps of uploading the size of the remote display window and calculating the size of each image on the remote monitor. Wavelet coefficients of 1D, 2D or 3D images are produced and selectively transmitted to the monitor, with the most informative information transmitted first. The remote computer renders an image on the monitor based on the received coefficients. When the user increases the image size, additional coefficients are transmitted, and the resolution of the image is improved. The transmission stops when the display resolution of the remote monitor is met.